

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (original) An electrolyte solution for an electrolytic capacitor containing an aluminum tetrafluoride salt and a solvent with high boiling point.

2. (original) An electrolyte solution for an electrolytic capacitor according to claim 1 wherein the solvent with high boiling point is sulfolane, 3-methyl sulfolane, or 2,4-dimethyl sulfolane.

3. (currently amended) An electrolytic capacitor using the electrolyte solution of ~~claims 1 or 2~~ claim 1.

4. (original) An electrolytic capacitor according to claim 3, wherein an electrode foil subjected to a phosphate treatment is used as the anode electrode foil or the cathode electrode foil.

5. (original) An electrolytic capacitor according to claim 3, wherein a partial cross-linking peroxide butyl rubber that peroxide is added as cross-linking agent to a butyl rubber polymer comprising a copolymer of isobutylene, isoprene, and divinylbenzene is used as the sealing member.